

## **ABSTRACT OF THE DISCLOSURE**

A circuit for monitoring the resistance between the terminals of a battery and a first reference potential has two inputs which are each to be connected to one of the terminals of the battery, and a voltage divider. The voltage divider has two external connections each of which is connected to one of the inputs, and a central connection which is to be connected to the first reference potential. First and second switches are arranged in series in a connection between one of the external connections of the voltage divider and one of the inputs. A measuring instrument is connected to the external connections of the voltage divider, for supplying a monitoring signal which is representative of the voltage between the external connections.